

Mariana Aguiar

✉ marianabarbosaaguiar@gmail.com marianaaguiar.me [in](#) [mbaguiar](#) [mbaguiar](#)

Software engineer with a passion for creating and building things.
Keen on web and application development. Hard worker with an eye for detail.

EDUCATION

- Faculty of Engineering of the University of Porto** Sep 2016 – Jul 2021
Integrated Masters in Informatics and Computing Engineering; GPA: 18/20 Porto, PT
- Ginasiano Dance School** Sep 2013 – Jul 2016
Specialised Art Course - Dance proficiency; GPA: 18/20 Porto, PT

EXPERIENCE

- Projeto Astrolábio - Software Engineering MOOC** Apr 2019 – Dec 2019
Responsible for the Database course Porto, PT

- Massive Open Online Course on Software Engineering and Information Systems organised by the consortium of science and engineering faculties of Portugal.
- Created and developed content on database modulation and usage, transactions, indexes, views, and triggers – theoretical classes, practical examples, quizzes, project proposals, and a final exam.

- Talk a Bit** [🔗](#) Sep 2020 – Feb 2021
Head of Operations Porto, PT

- 2-day student organised conference with 300+ participants.
- Managed a department of 6 people and synced communication with the other departments and head of conference.
- Responsible for the event's online platform and streaming, merchandise, and hackathon competition awards.

- Semana de Informática** [🔗](#) May 2018 – Nov 2019
Head & Member of Logistics Porto, PT

- 3-day student organised conference with over 180+ participants.
- Responsible for the event's venue, catering and merchandise.
- Managed and scheduled the team's tasks during the event.

- NIAEFEUP - Informatics Student Branch of the Student's Association** [🔗](#) Sep 2017 – Jul 2021
Member Porto, PT

- Participated in sessions to promote the club to new students and helped to organise the club's events.

PROJECTS

- Linked Data Viz Catalogue** [🔗](#) | *Node.js, Express, React, SQLite*

- Full-stack web application to consult a catalogue of tools for visualising Linked Data collections.

- soundhub** [🔗](#) | *PHP, Laravel, PostgreSQL, HTML/CSS, Javascript, Bootstrap*

- Web application to create and manage music events.

- SNIPZ** [🔗](#) | *PHP, SQLite, HTML/CSS*

- Simple social network web application to create and share code snippets.

- NeuroPal** | *Unity, C#*

- Mobile game for Android and iOS, targeted at young children with the goal of raising awareness of spinal cord injuries.
- Developed for an external client in a 12-person team of developers and designers, using a Scrum-like methodology.
- Responsible for exporting the app into AppStore and PlayStore.

TECHNICAL SKILLS

Languages: Javascript, Java, SQL (Postgres, SQLite), C/C++, PHP, HTML/CSS, Python, C#

Frameworks: Express, Node.js, React, Laravel, Unity

Developer tools & methodologies: Git, Docker/-compose, GitLab CI/CD, Agile, Scrum

LANGUAGES

Portuguese (Native), **English** (Fluent, C1)